BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work : Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

3rd PART BILL

Bruhat Bengaluru Mahanagara Palike

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit		Qty	Rate	Amount	Remarks
1	**KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 (P.No.137, I.No.18.20 of PW,P&IWTD SR 2016-17)**						
	Kannuramma temple			0.00			
	Maruthi Nagar			0.00			
	Tata Nagar			11.20			
	Present Qty			11.20			
	Preveous Qty			22.00			
	Total			**33.20**			
	BOQ qty			**73.60**			
	TOTAL	Cum		**11.20**	**488.86**	**5475.23**	
2	**Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)**						
	Kannuramma temple road			35.43			
	Maruthi Nagar			1359.15			
	Tata Nagar			535.95			
	Present Qty			1930.53			
	Preveous Qty			**4240.66**			
	Total			**6171.19**			
	BOQ qty			**10125.29**			
	TOTAL	Sqm		**1930.53**	**84.48**	**163091.17**	
3	**Removing & Resetting of Footbath slab**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			805.95			
	Tata Nagar			0.00			
	Present Qty			805.95			
	Preveous Qty			552.66			
	Total			**1358.61**			
	BOQ qty			**2231.91**			
	TOTAL	Sqm		**805.95**	**138.94**	**111978.69**	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engin
Kodigehalli Sub Divisio
Yelahanka Zone, B.B.M.
Bangalore.

Bruhat Bengaluru Mahanagara Palike

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

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BOQ Item	Description	Unit	Qty	Rate	Amount	Remarks
4	**KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)**					
	Kannuramma temple road		343.41			
	Maruthi Nagar		522.29			
	Tata Nagar		134.56			
	Present Qty		1000.26			
	Preveous Qty		**4260.47**			
	Total		**5260.73**			
	BOQ qty		**16048.83**			
	TOTAL	Cum	**1000.26**	**202.30**	**202352.55**	
5	**KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)**					
	Kannuramma temple road		40.19			
	Maruthi Nagar		0.00			
	Tata Nagar		10.42			
	Present Qty		50.61			
	Preveous Qty		282.59			
	Total		**333.20**			
	BOQ qty		**842.36**			
	TOTAL	Cum	**50.61**	**5608.71**	**283869.43**	
6	**Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.265, I.No.37.59.2 of PW, P&IWTD SR 2016-17**					
	Kannuramma temple road		105.65			

Consultant

Assistant Engineer

Assistant Executive Engineer

Bruhat Bengaluru Mahanagara Palike

BYATARAYANAPURA DIVISION

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Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit		Qty	Rate	Amount	Remarks
	Maruthi Nagar			0.00			
	Tata Nagar			0.00			
	Present Qty			105.65			
	Preveous Qty			533.05			
	Total			**638.70**			
	BOQ qty			**1600.67**			
	TOTAL	Cum		**105.65**	**11568.66**	**1222214.47**	
7	**KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD SR 2016-17)**						
	Kannuramma temple road			16.25			
	Maruthi Nagar			0.00			
	Tata Nagar			0.00			
	Present Qty			16.25			
	Preveous Qty			39.05			
	Total			**55.30**			
	BOQ qty			**76.55**			
	TOTAL	Sqm		**16.25**	**256.76**	**4172.35**	
8	**KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.15, I.No.4.31 of PW,P&IWTD SR 2016-17)**						
	Kannuramma temple road			79.80			
	Maruthi Nagar			0.00			
	Tata Nagar			0.00			
	Present Qty			79.80			
	Preveous Qty			245.58			
	Total			**325.38**			
	BOQ qty			**551.16**			
	TOTAL	Sqm		**79.80**	**325.67**	**25988.47**	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit		Qty	Rate	Amount	Remarks
9	**Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges)** **Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2016-17)**						
	Kannuramma temple road			16.50			
	Maruthi Nagar			0.00			
	Tata Nagar			0.00			
	Present Qty			16.50			
	Preveous Qty			103.58			
	Total			**120.08**			
	BOQ qty			**238.30**			
	TOTAL	**Cum**		**16.50**	**6534.60**	**107812.73**	
10	**KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Kannuramma temple road			6.74			
	Maruthi Nagar			0.00			
	Tata Nagar			0.00			
	Present Qty			6.74			
	Preveous Qty			32.94			
	Total			**39.68**			
	BOQ qty			**89.33**			
	TOTAL	**MT**		**6.74**	**62300.47**	**420058.07**	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Bruhat Bengaluru Mahanagara Palike

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit	Qty	Rate	Amount	Remarks
11	**Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		250.80			
	Tata Nagar		0.00			
	Present Qty		250.80			
	Preveous Qty		**1455.21**			
	Total		**1706.01**			
	BOQ qty		**3672.20**			
	TOTAL	Sqm	**250.80**	**867.87**	**217661.80**	
14	**KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			
	Tata Nagar		16.71			
	Present Qty		16.71			
	Preveous Qty		73.97			
	Total		**90.68**			
	BOQ qty		**181.27**			
	TOTAL	Cum	**16.71**	**4653.92**	**77787.25**	
15	**KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(P.No.24, I.No.5.26.2 of PW, P&IWTD SR 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			
	Tata Nagar		95.40			

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
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BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit		Qty	Rate	Amount	Remarks
	Present Qty			95.40			
	Preveous Qty			162.68			
	Total			**258.08**			
	BOQ qty			**584.00**			
	TOTAL	**Sqm**		**95.40**	**1008.15**	**96177.51**	
16	**KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			0.00			
	Tata Nagar			72.89			
	Present Qty			72.89			
	Preveous Qty			164.38			
	Total			**237.27**			
	BOQ qty			**421.25**			
	TOTAL	**Sqm**		**72.89**	**107.82**	**7858.46**	
17	**KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			0.00			
	Tata Nagar			6.60			
	Present Qty			6.60			
	Preveous Qty			44.25			
	Total			**50.85**			
	BOQ qty			**124.71**			
	TOTAL	**Cum**		**6.60**	**6047.76**	**39901.61**	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

Job Code :-

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Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit	Qty	Rate	Amount	Remarks
20	**Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)**					
	Kannuramma temple road		267.57			
	Maruthi Nagar		0.00			
	Tata Nagar		247.95			
	Present Qty		**515.52**			
	Preveous Qty		1047.63			
	Total		**1563.15**			
	BOQ qty		**4131.99**			
	TOTAL	**Sqm**	**515.52**	**1780.52**	**917893.67**	
21	**Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)**					
	Kannuramma temple road		39.90			
	Maruthi Nagar		0.00			
	Tata Nagar		0.00			
	Present Qty		**39.90**			
	Preveous Qty		184.65			
	Total		**224.55**			
	BOQ qty		**564.90**			
	TOTAL	**Sqm**	**39.90**	**4995.53**	**199321.65**	
22	**Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2016-17)**					
	Kannuramma temple road		0.00			

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

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Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit	Qty	Rate	Amount	Remarks
	Maruthi Nagar		482.00			
	Tata Nagar		0.00			
	Present Qty		**482.00**			
	Preveous Qty		3345.00			
	Total		**3827.00**			
	BOQ qty		**6690.00**			
	TOTAL	**nos**	**482.00**	**347.90**	**167687.80**	
25	**KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		145.65			
	Tata Nagar		0.00			
	Present Qty		**145.65**			
	Preveous Qty		1243.04			
	Total		**1388.69**			
	BOQ qty		**2389.63**			
	TOTAL	**Cum**	**145.65**	**162.28**	**23635.92**	
26	**KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		124.59			
	Tata Nagar		0.00			
	Present Qty		**124.59**			
	Preveous Qty		962.53			

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
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BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit		Qty	Rate	Amount	Remarks
	Total			1087.12			
	BOQ qty			1375.36			
	TOTAL	**Cum**		**124.59**	**1854.01**	**230984.62**	
27	**KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			510.62			
	Tata Nagar			0.00			
	Present Qty			**510.62**			
	Preveous Qty			3911.23			
	Total			**4421.85**			
	BOQ qty			**5510.44**			
	TOTAL	**Sqm**		**510.62**	**28.90**	**14756.92**	
28	**KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			3523.19			
	Tata Nagar			0.00			
	Present Qty			**3523.19**			
	Preveous Qty			23290.72			
	Total			**26813.90**			
	BOQ qty			**51151.79**			
	TOTAL	**Sqm**		**3523.19**	**3.33**	**11732.21**	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

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BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

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Measurements recorded on

BOQ Item	Description	Unit	Qty	Rate	Amount	Remarks
29	**KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		5564.21			
	Tata Nagar		0.00			
	Present Qty		**5564.21**			
	Preveous Qty		40588.20			
	Total		**46152.41**			
	BOQ qty		**79163.61**			
	TOTAL	Sqm	**5564.21**	**12.23**	**68050.32**	
30	**KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 (P.No.163 I.No. 21.17.6 of PW,P&IWTD S.R 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		76.52			
	Tata Nagar		0.00			
	Present Qty		**76.52**			
	Preveous Qty		679.06			
	Total		**755.58**			
	BOQ qty		**1234.01**			
	TOTAL	Cum	**76.52**	**6748.01**	**516360.42**	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Bruhat Bengaluru Mahanagara Palike

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit	Qty	Rate	Amount	Remarks
31	**KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		161.35			
	Tata Nagar		0.00			
	Present Qty		**161.35**			
	Preveous Qty		1088.08			
	Total		**1249.43**			
	BOQ qty		**2297.71**			
	TOTAL	Cum	**161.35**	**7623.89**	**1230131.42**	
41	**KSRRB M300-59.1. Loosening of the ground upto a level of 500mm below the subgrade level, watered, graded and compacted in layers to meet requirement of Table 300-2 for subgrade construction complete as per specifications. Case-I:Compacting original ground supporting subgrade.(which includes watering charges & compaction by vibratory roller) MORTH Specification No. 305.3.4**					
	Kannuramma temple road		**0.00**			
	Maruthi Nagar		**126.38**			
	Tata Nagar		**0.00**			
	Present Qty		**126.38**			
	Preveous Qty		0.00			
	Total		**126.38**			
	BOQ qty		**1845.00**			
	TOTAL	Cum	**126.38**	**57.80**	**7304.48**	

Consultant

Assistant Engineer

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Bruhat Bengaluru Mahanagara Palike

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit	Qty	Rate	Amount	Remarks
42	**KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		421.25			
	Tata Nagar		0.00			
	Present Qty		421.25			
	Preveous Qty		0.00			
	Total		421.25			
	BOQ qty		4200.00			
	TOTAL		421.25	5.56	2342.15	
45	**Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			
	Tata Nagar		234.00			
	Present Qty		234.00			
	Preveous Qty		229.32			
	Total		463.32			
	BOQ qty		577.08			
	TOTAL	Sqm	234.00	698.03	163339.02	
55	**KSRRB 2100.-2.2: Earthwork in excavation for foundations of structures as per drawings and techincal specifications including, setting out , construction of shoring & bracing , removal of stumps and other deleterious matter , dressing of sides and bottom and backfilling with approved material complete as per specifications .B. Machanical means (i) Depth - 3.0 Mtr to 6.0 m depth MORTH specification - No - 304(P.No.216, I.No.27.5 of PW,P&IWTD S.R 2016-17))**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			
	Tata Nagar		227.50			
	Present Qty		227.50			

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BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

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BOQ Item	Description	Unit		Qty	Rate	Amount	Remarks
	Preveous Qty			0.00			
	Total			227.50			
	BOQ qty			1029.00			
	TOTAL	Cum		227.50	167.15	38026.63	
56	**KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications, specification. No. KBS (P.No.6, I.No.2.15 of PW,P&IWTD S.R 2016-17))**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			0.00			
	Tata Nagar			26.25			
	Present Qty			26.25			
	Preveous Qty			0.00			
	Total			26.25			
	BOQ qty			65.55			
	TOTAL	Cum		26.25	2394.08	62844.60	
57	**KSRRB M2100-13. Plain / Reinforced Cement Concrete M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum in Open Foundation complete as per Drawing and Technical Specifications MORTH Specification No. 1500,1700 & 2100.(P.No.218, I.No.27.24 of PW,P&IWTD S.R 2016-17)**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			0.00			
	Tata Nagar			35.88			
	Present Qty			35.88			
	Preveous Qty			0.00			
	Total			35.88			
	BOQ qty			41.10			
	TOTAL	Cum		35.88	6648.84	238527.14	

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BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

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Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit	Qty	Rate	Amount	Remarks
58	**Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete.(1.50 mtrs depth below LWL.)(P.No.264, I.No.37.41.1 of PW,P&IWTD S.R 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			
	Tata Nagar		78.75			
	Present Qty		78.75			
	Preveous Qty		0.00			
	Total		78.75			
	BOQ qty		146.25			
	TOTAL	Cum	78.75	303.51	23901.41	
60	**KSRRB M800-43. Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 45°, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001 complete as**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			
	Tata Nagar		20.00			
	Present Qty		20.00			
	Preveous Qty		0.00			
	Total		20.00			
	BOQ qty		20.80			
	TOTAL	Cum	20.00	2686.26	53725.20	
61	**KSRRB M2100-20.2. Plain / Reinforced Cement Concrete in Open Foundation with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008. case II : With Batching Plant, Transit Mixer and Concrete Pump MORTH Specification No. 1500,1700 & 2100(P.No.220, I.No.27.37 of PW,P&IWTD S.R 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			

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BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

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Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit		Qty	Rate	Amount	Remarks
	Tata Nagar			20.48			
	Present Qty			**20.48**			
	Preveous Qty			0.00			
	Total			**20.48**			
	BOQ qty			**77.03**			
	TOTAL	Cum		**20.48**	**7305.68**	**149583.80**	
62	**KSRRB M2200-5.19. Design mix M35 with OPC cement @ 390kgs,with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 - ii) For height, upto 5m,(P.No.224, I.No.28.7.18 of PW,P&IWTD S.R S.R 2016-17)**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			0.00			
	Tata Nagar			18.11			
	Present Qty			**18.11**			
	Preveous Qty			0.00			
	Total			**18.11**			
	BOQ qty			**140.94**			
	TOTAL	Cum		**18.11**	**8229.79**	**149062.07**	
63	**KSRRB M2300-8.1. Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. D. RCC / PSC with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, Case - II : Using Batching Plant,**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			0.00			
	Tata Nagar			28.26			
	Present Qty			**28.26**			
	Preveous Qty			0.00			
	Total			**28.26**			
	BOQ qty			**40.46**			
	TOTAL	Cum		**28.26**	**8324.92**	**235283.05**	

Consultant

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BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 3rd and Part Bill

Measurements recorded on

BOQ Item	Description	Unit	Qty	Rate	Amount	Remarks
64	**KSRRB M2200 -6 Supplying , fitting and placingTMT bar Fe 550 reinforcement in sub-structure complete as per drawing & technical specification complete as per the specification . MORTH Specification No.1600 & 2200(P.No.225 , I.No.28.8.3 of PW,P&IWTD S.R 2016-17)**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			
	Tata Nagar		4.29			
	Present Qty		**4.29**			
	Preveous Qty		0.00			
	Total		**4.29**			
	BOQ qty		**23.75**			
	TOTAL	MT	**4.29**	**62834.96**	**269738.76**	
65	**KSRRB M2300 -14. supplying , fitting and placing TMT bar Fe 550 reinforcement in super-structure complete as per as per drawing & technical specification complete as per the specification . MORTH Specification No.1600.(P.No.238 , I.No.29.29.3 of PW,P&IWTD S.R 2016-17))**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			
	Tata Nagar		2.29			
	Present Qty		**2.29**			
	Preveous Qty		0.00			
	Total		**2.29**			
	BOQ qty		**5.46**			
	TOTAL	MT	**2.29**	**63844.01**	**145960.25**	
66	**KSSRB M220 - 8. Providing weep holes in Brick masnory / Plain / Reinforced concrete abutment, wing wall / return wall with 100mm dia AC pipe, extending through the full width of the structure with slope of 1V:20H towards drawing foce. Complete as per drawing and Technical specifications complete as per specifications. MORTH Specification No. 2706 & 2200 (P.No.225, I.No.28.10 of PW,P&IWTD S.R 2016-17))**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			
	Tata Nagar		52.50			
	Present Qty		**52.50**			

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BYATARAYANAPURA DIVISION

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Name of Agency :- M/s Karthik Enterprises

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Measurements recorded on

BOQ Item	Description	Unit		Qty	Rate	Amount	Remarks
	Preveous Qty			0.00			
	Total			52.50			
	BOQ qty			82.50			
	TOTAL	Nos/ Mtr		**52.50**	**190.26**	**9988.65**	
69	**KSRRB 2200-9 Filter Media Providing & laying of Filter media With Granular meterails / Stone crushed aggregates satisfying the requirement laid down in clause 2500.4.2.2 of MORTH Specification to a thickness on not less than 600 mm width smaller size towards the soil & bigger size towards wall & provided over the entire surface behind Abutment, Wing wall & return wall to the full height compacted to a firm condition complete as per**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			0.00			
	Tata Nagar			34.65			
	Present Qty			34.65			
	Preveous Qty			0.00			
	Total			34.65			
	BOQ qty			137.70			
	TOTAL	Cum		**34.65**	**1467.70**	**50855.81**	
70	**KSRRB 2200-8.1 Back filling behind Abutment, Wing wall & return wall to the full height compacted to a firm condition complete as per Drawing & Techincal Specifications. Complete as per specification A. Granular Material MORTH Specification No. 710.14of IRC: 78& 2200.With all Leads & Lift etc & as per the direction of the Engineer Incharge of the Work.(P.No.225, I.No.28.11 of PW,P&IWTD S.R 2016-17))**						
	Kannuramma temple road			0.00			
	Maruthi Nagar			0.00			
	Tata Nagar			86.63			
	Present Qty			86.63			
	Preveous Qty			0.00			
	Total			86.63			
	BOQ qty			405.00			
	TOTAL	Cum		**86.63**	**593.42**	**51405.01**	

Consultant

Assistant Engineer

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BOQ Item	Description	Unit	Qty	Rate	Amount	Remarks
74	**KSRRB M200-15.2. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. iii) Dismantling Stone Masonry B. Rubble Stone maonry**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		0.00			
	Tata Nagar		47.25			
	Present Qty		**47.25**			
	Preveous Qty		0.00			
	Total		**47.25**			
	BOQ qty		**60.18**			
	TOTAL	Cum	**47.25**	**376.59**	**17793.88**	
77	**Add cost of waste Plastic @8% of Bitumen Weight**					
	Kannuramma temple road		0.00			
	Maruthi Nagar		1820.05			
	Tata Nagar		0.00			
	Present Qty		**1820.05**			
	Preveous Qty		5786.49			
	Total		**7606.54**			
	BOQ qty		**19315.30**			
	TOTAL	Kgs	**1820.05**	**28.31**	**51525.70**	
	GRAND TOTAL IN Rs.				**8088162.32**	

Consultant

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